

Ultraviolet Absorber UV-327

Company Information

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Product Identification

【Product Name】

2-(5-Chloro-2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl)-phenol

【Synonyms】

2-(3,5-Di-tert-butyl-2-hydroxyphenyl)-5-chloro-2H-benzotriazole

【CAS】

[3864-99-1](#)

【Formula】

C₂₀H₂₄ClN₃O

【Molecular Weight】

357.88

【EINECS】

223-383-8

【RTECS】

SK3425000

【RTECS Class】

Other

【Beilstein/Gmelin】

572886

Physical and Chemical Properties

【Solubility in water】

Insoluble

【Melting Point】

154 - 156

【Density】

1.260 g/cm³ (20 C)

【Partition Coefficient】

7.07

First Aid Measures

【Ingestion】

Seek medical assistance.

【Inhalation】

Move victim to fresh air. Apply artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult.

【Skin】

Remove and isolate contaminated clothing and shoes. Immediately flush with running water for at least 20 minutes.

【Eyes】

Immediately flush with running water for at least 20 minutes.

Hazards Identification

【Inhalation】

Inhalation of material may be harmful.

【Skin】

Contact may cause burns.

【Eyes】

See Skin.

【Hazards】

Containers may explode when heated.

【EC Risk Phrase】

R 48/22 52/53

【EC Safety Phrase】

S 22 36/37 45

【UN (DOT)】

3077

Exposure Controls/Personal Protection

【Personal Protection】

Wear appropriate protective gloves, clothing and goggles.

【Respirators】

Wear positive pressure self-contained breathing apparatus (SCBA).

Fire Fighting Measures

【Flash Point】

234

【Fire Fighting】

Small Fires: Dry chemical, carbon dioxide, water spray or regular foam. Large Fires: Water spray, fog or regular foam.

【Fire Potential】

May burn but does not ignite readily.

Accidental Release Measures

【Small spills/leaks】

Do not touch or walk through spilled material. Stop leak if you can do it without risk.
Prevent dust cloud. Avoid inhalation of asbestos dust.

Transport Information

【UN Number】

3077

Stability and Reactivity

【Combustion Products】

Fire may produce irritating, corrosive and/or toxic gases.